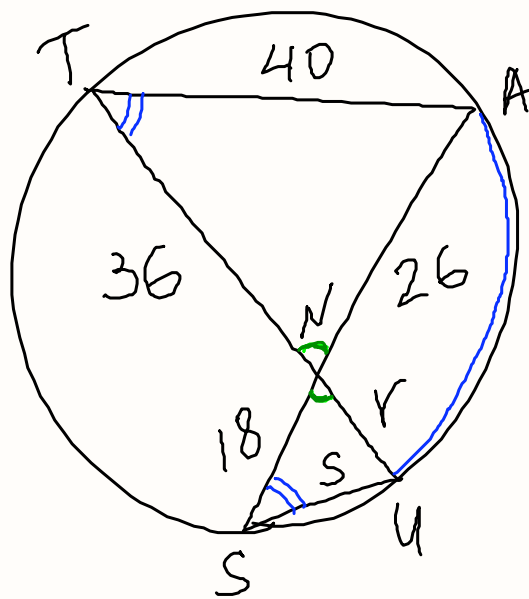


#12 p575



p.582 #1-3

$$\triangle SUN \sim \triangle TAN$$

$$\angle TNA \cong \angle SNU$$

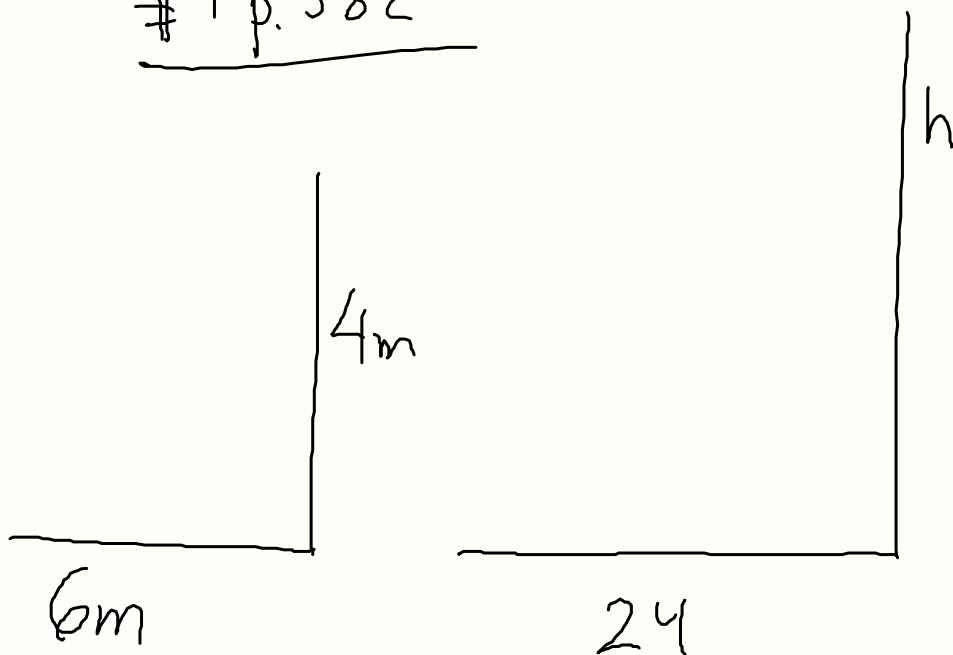
(VERTICAL ANGLES)

$$\angle T \cong \angle S$$

$$\frac{36}{18} = \frac{26}{r}$$

$$r = 13$$

1 p. 582

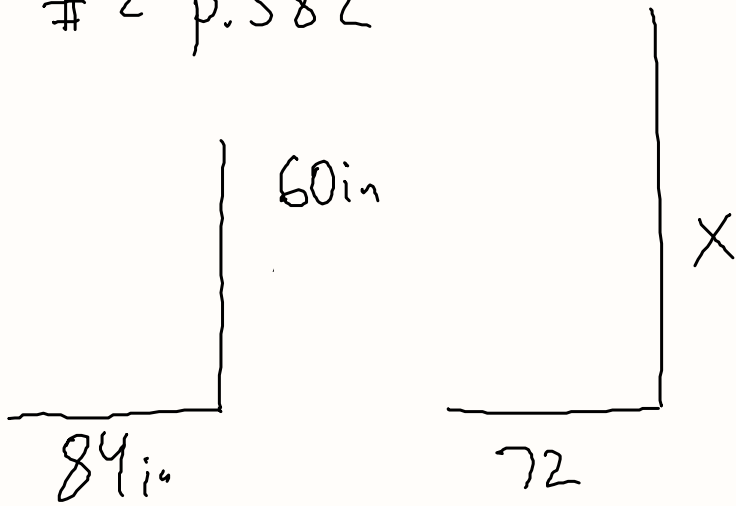


$$\frac{4}{h} = \frac{6}{24}$$

$$\frac{4 \cdot 24}{6} = \frac{6h}{6}$$

$$h = 16 \text{ m}$$

2 p. 582



$$1 \text{ ft} = 12$$

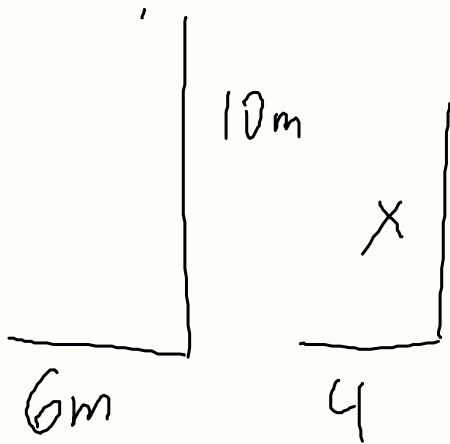
$$\frac{60}{84} = \frac{x}{72}$$

$$84x = 60 \cdot 72$$

$$x = \frac{60 \cdot 72}{84}$$

$$= \frac{360 \cdot 5}{7} = 257.14$$

#3



$$\frac{6}{4} = \frac{x}{10} \quad \frac{60}{4} =$$

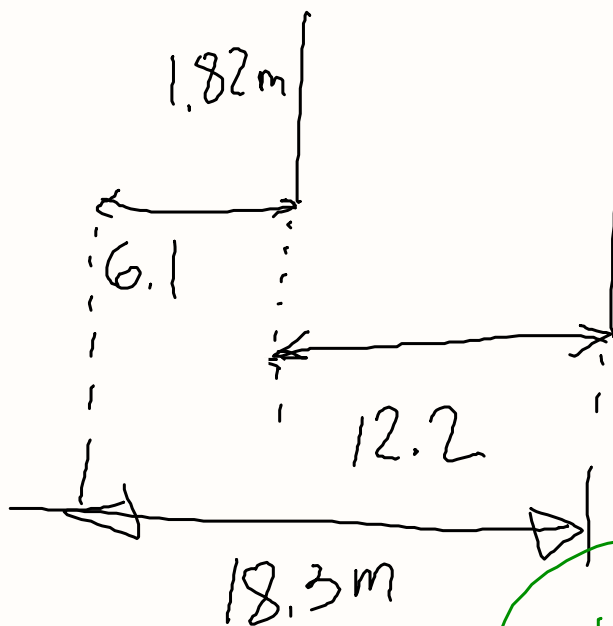
$$x = 15$$

$$\frac{6}{4} = \frac{60}{4}$$

#5

HOME

#7 p.614, #17 p.616



$$\frac{X}{1.82} = \frac{18.3}{6.1}$$

$$\frac{33.306}{6.1} = 5.46$$

$$X = 5.5m$$

#7 p.583